

**Remarks**

Applicants express appreciation to the Examiner for the courtesies the Examiner extended during a telephone interview on August 17, 2005.

Applicants respectfully traverse the objection to the drawings in the Notice of Allowance mailed August 22, 2005. Applicants respectfully submit replacement sheets for Figures 1 and 3. Accordingly, Applicants respectfully request that the objection be withdrawn.

Applicants respectfully request that Claims 5, 6, and 11 be amended. No new matter has been added.

Specifically, Applicants respectfully request that Claims 5, 6, and 11 be amended to make a correction of a formal matter without changing the scope of the claims. Applicants respectfully submit that amending Claims 5 and 6 to delete “are used” is a formal matter. The corrections of Claims 5 and 6 is a formal matter without changing the scope of Claims 5 and 6 because the corrections are made to correct typographical errors.

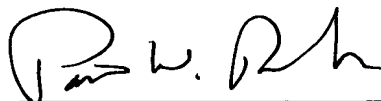
Moreover, Applicants respectfully submit that amending Claim 11 to change “a module configured to calculate the median of the B<sub>0</sub> magnetic field distribution map” to “a module configured to calculate the median of a B<sub>0</sub> magnetic field distribution map” and to change “a module configured to calculate a second frequency of RF pre-pulses for each scan slice by adding the median value of a B<sub>0</sub> magnetic field distribution map” to “a module configured to calculate a second frequency of RF pre-pulses for each scan slice by adding the median value of the B<sub>0</sub> magnetic field distribution map” is a correction of a formal matter. The corrections of Claim 11 is a formal matter without changing the scope of Claim 11 because the changes to Claim 11 correct a lack of antecedent basis for “the B<sub>0</sub> magnetic field distribution map” included in the recitation, “a module configured to calculate the median of

the  $B_0$  magnetic field distribution map”, and correct an antecedent basis for “a  $B_0$  magnetic field distribution map” included in the recitation “a module configured to calculate a second frequency of RF pre-pulses for each scan slice by adding the median value of a  $B_0$  magnetic field distribution map”.

The changes to Claims 5, 6, and 11 are being presented at this time because the changes were not discovered until after allowance by the Office. No new matter has been added. This amendment is being presented before payment of the issue fee.

In view of the foregoing amendments and remarks, it is requested that this amendment be entered prior to publication of a patent to be issued from the above-referenced patent application.

Respectfully Submitted,



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**IN THE DRAWINGS**

Applicants respectfully request approval of the following drawing changes. Figure 1 has been amended to correct partial obscuring of data by shading and partial cutting of data. Figure 3 has been amended to correct partial obscuring of data by shading and partial cutting of data. Applicants submit that the Figures comply with 37 C.F.R. §1.84. Applicants submit replacement drawing sheets incorporating the changes to Figures 1 and 3. No new matter has been added.